

## Lafarge Stoney Trailer Hourly Average Data

Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
15-Aug-11	800	6.8	353	N	55.8	29.1	10.0	0	0	0	0
15-Aug-11	900	4.2	11	N	55.7	26.0	7.3	0	0	0	0
15-Aug-11	1000	10.1	10	N	56.2	46.2	10.9	0	0	0	0
15-Aug-11	1100	27.1	341	NNW	63.3	20.3	5.3	1.8	0	0	0
15-Aug-11	1200	32.6	328	NNW	64.3	6.4	2.9	4.6	0	0	0
15-Aug-11	1300	25.6	339	NNW	60.1	2.5	1.4	2.3	0	0	0
15-Aug-11	1400	23.3	347	NNW	58.8	5.1	2.0	0	0	0	0
15-Aug-11	1500	10.8	334	NNW	52.3	4.7	1.5	0	0	0	0
15-Aug-11	1600	8.5	293	WNW	48.4	1.4	0.4	0	0	0	0
15-Aug-11	1700	11.2	307	NW	48.0	3.5	1.5	0	0	0	0
15-Aug-11	1800	8.6	304	WNW	48.5	2.5	1.4	0	0	0	0
15-Aug-11	1900	16.4	270	W	48.4	3.5	0.9	0	0	0	0
15-Aug-11	2000	13.5	294	WNW	48.1	2.3	0.8	0	0	0	0
15-Aug-11	2100	11.0	328	NNW	52.7	13.7	2.8	0	0	0	0
15-Aug-11	2200	4.8	286	WNW	52.1	14.8	4.9	0	0	0	0
15-Aug-11	2300	3.6	258	WSW	49.2	27.3	7.6	0	0	0	0
15-Aug-11	2400	5.0	262	W	48.9	6.7	3.1	0	0	0	0
16-Aug-11	100	12.5	273	W	48.5	3.6	1.7	0	0	0	0
16-Aug-11	200	11.4	262	W	47.1	2.9	1.2	0	0	0	0

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Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
16-Aug-11	300	11.4	260	W	48.1	2.3	2.0	0	0	0	0
16-Aug-11	400	14.9	272	W	47.0	1.2	0.6	0	0	0	0
16-Aug-11	500	14.3	272	W	48.1	1.2	1.0	0	0	0	0
16-Aug-11	600	16.3	276	W	51.9	1.6	1.0	0	0	0	0
16-Aug-11	700	16.9	279	W	54.2	2.0	1.2	0	0	0	0
16-Aug-11	800	14.1	279	W	53.8	1.7	0.6	0	0	0	0
16-Aug-11	900	14.6	283	WNW	51.4	2.2	1.0	0	0	0	0
16-Aug-11	1000	13.7	265	W	50.6	2.7	1.6	0	0	0	0
16-Aug-11	1100	12.0	243	WSW	51.5	3.4	1.9	0	0	0	0
16-Aug-11	1200	14.8	259	W	51.7	4.1	3.6	0	0	0	0
16-Aug-11	1300	15.5	268	W	51.7	1.4	0.4	0	0	0	0
16-Aug-11	1400	20.2	273	W	52.3	1.9	0.4	0	0	0	0
16-Aug-11	1500	22.4	275	W	53.1	2.1	0.4	0	0	0	0
16-Aug-11	1600	22.8	281	W	52.8	1.6	0.4	0	0	0	0
16-Aug-11	1700	21.7	286	WNW	51.3	1.8	0.4	0	0	0	0
16-Aug-11	1800	19.2	292	WNW	49.9	1.7	0.4	0	0	0	0
16-Aug-11	1900	18.1	294	WNW	50.1	2.3	0.5	0	0	0	0
16-Aug-11	2000	19.3	285	WNW	48.9	3.6	1.5	0	0	0	0
16-Aug-11	2100	16.0	286	WNW	47.8	4.5	4.0	0	0	0	0

## Lafarge Stoney Trailer Hourly Average Data

Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
16-Aug-11	2200	13.9	282	WNW	47.6	4.2	3.8	0	0	0	0
16-Aug-11	2300	11.8	276	W	47.2	4.3	4.1	0	0	0	0
16-Aug-11	2400	13.5	285	WNW	49.1	5.5	5.4	0	0	0	0
17-Aug-11	100	12.3	274	W	47.8	6.4	5.5	0	0	0	0
17-Aug-11	200	14.9	276	W	48.2	5.0	3.7	0	0	0	0
17-Aug-11	300	9.4	257	WSW	47.2	8.9	3.4	0	0	0	0
17-Aug-11	400	7.0	243	WSW	46.6	3.7	2.1	0	0	0	0
17-Aug-11	500	10.7	261	W	49.8	6.1	3.8	0	0	0	0
17-Aug-11	600	13.0	267	W	54.8	9.2	7.3	0	0	0	0
17-Aug-11	700	12.0	265	W	56.5	9.5	5.8	0	0	0	0
17-Aug-11	800	11.4	261	W	54.9	9.7	3.7	0	0	0	0
17-Aug-11	900	12.6	258	WSW	52.3	10.1	5.8	0	0	0	0
17-Aug-11	1000	14.0	249	WSW	52.3	4.1	1.7	0	0	0	0
17-Aug-11	1100	13.7	254	WSW	53.0	7.3	4.9	0	0	0	0
17-Aug-11	1200	14.4	249	WSW	53.0	2.3	0.4	0	0	0	0
17-Aug-11	1300	10.8	263	W	54.8	2.3	0.4	0	0	0	0
17-Aug-11	1400	7.9	254	WSW	54.5	2.3	0.4	0	0	0	0
17-Aug-11	1500	6.7	193	SSW	54.6	4.1	0.8	0	0	0	0
17-Aug-11	1600	6.6	136	SE	53.9	14.0	2.4	0	0	0	0

## Lafarge Stoney Trailer Hourly Average Data

Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
17-Aug-11	1700	9.1	132	SE	52.0	2.0	0.6	0	0	0	0
17-Aug-11	1800	5.4	114	ESE	50.5	1.7	0.6	0	0	0	0
17-Aug-11	1900	15.2	292	WNW	56.1	14.7	2.3	0.1	0	0	0
17-Aug-11	2000	29.0	350	N	63.0	43.0	8.9	0.5	0	0	0
17-Aug-11	2100	26.4	351	N	59.8	16.9	12.4	0.1	0	0	0
17-Aug-11	2200	22.1	356	N	54.8	13.3	10.1	0	0	0	0
17-Aug-11	2300	16.0	348	NNW	49.5	6.5	4.7	0	0	0	0
17-Aug-11	2400	14.3	345	NNW	48.4	3.0	2.8	0	0	0	0
18-Aug-11	100	10.2	347	NNW	48.6	4.5	3.4	0	0	0	0
18-Aug-11	200	9.0	297	WNW	50.1	18.1	5.7	1.5	0	0	0
18-Aug-11	300	9.5	5	N	45.3	3.1	0.8	0.2	0	0	0
18-Aug-11	400	9.9	338	NNW	46.7	10.5	2.3	0	0	0	0
18-Aug-11	500	15.6	339	NNW	50.4	2.9	2.1	0	0	0	0
18-Aug-11	600	16.0	338	NNW	54.8	6.1	4.5	0	0	0	0
18-Aug-11	700	12.6	339	NNW	56.2	9.8	6.9	0	0	0	0
18-Aug-11	800	11.8	309	NW	54.9	19.8	15.1	0	0	0	0
18-Aug-11	900	9.7	308	NW	54.0	15.6	14.3	0	0	0	0
18-Aug-11	1000	12.0	340	NNW	54.4	6.7	2.4	0	0	0	0
18-Aug-11	1100	7.8	4	N	55.5	16.7	4.3	0	0	0	0

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Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
18-Aug-11	1200	6.6	43	NE	55.9	28.5	8.0	0	0	0	0
18-Aug-11	1300	5.6	130	SE	55.7	17.0	5.4	0	0	0	0
18-Aug-11	1400	7.5	121	ESE	56.1	13.7	7.2	0	0	0	0
18-Aug-11	1500	10.1	137	SE	55.7	10.6	2.9	0	0	0	0
18-Aug-11	1600	12.5	165	SSE	53.7	13.2	2.5	0	0	0	0
18-Aug-11	1700	13.2	166	SSE	52.4	6.5	1.9	0	0	0	0
18-Aug-11	1800	17.5	168	SSE	53.2	1.4	0.4	0	0	0	0
18-Aug-11	1900	19.2	22	NNE	59.2	4.1	1.4	4.3	0	0	0
18-Aug-11	2000	11.3	40	NE	53.3	2.3	1.3	0.4	0	0	0
18-Aug-11	2100	8.3	249	WSW	52.8	4.5	3.0	0	0	0	0
18-Aug-11	2200	10.6	261	W	50.6	4.1	3.6	0	0	0	0
18-Aug-11	2300	7.0	316	NW	50.4	3.5	1.9	0	0	0	0
18-Aug-11	2400	6.6	333	NNW	50.3	10.2	6.7	0	0	0	0
19-Aug-11	100	4.8	175	S	48.0	11.6	7.8	0	0	0	0
19-Aug-11	200	6.3	241	WSW	48.6	5.7	3.3	0	0	0	0
19-Aug-11	300	11.3	242	WSW	46.8	4.7	2.4	0	0	0	0
19-Aug-11	400	10.1	248	WSW	46.3	3.6	1.7	0	0	0	0
19-Aug-11	500	12.9	225	SW	49.3	5.8	2.8	0	0	0	0
19-Aug-11	600	12.3	219	SW	55.7	4.4	1.5	0	0	0	0

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Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
19-Aug-11	700	9.9	231	SW	56.6	5.2	2.4	0	0	0	0
19-Aug-11	800	8.7	267	W	53.9	4.0	1.8	0	0	0	0
19-Aug-11	900	10.8	275	W	51.7	4.3	2.7	0	0	0	0
19-Aug-11	1000	13.0	297	WNW	51.2	12.6	9.6	0	0	0	0
19-Aug-11	1100	16.3	326	NW	53.1	13.8	3.7	0	0	0	0
19-Aug-11	1200	11.8	342	NNW	55.0	14.0	4.3	0	0	0	0
19-Aug-11	1300	9.1	352	N	54.4	20.6	7.8	0	0	0	0
19-Aug-11	1400	10.1	16	NNE	55.5	31.9	8.7	0	0	0	0
19-Aug-11	1500	10.6	38	NE	55.3	7.0	1.2	0	0	0	0
19-Aug-11	1600	9.1	52	NE	53.8	1.5	0.4	0	0	0	0
19-Aug-11	1700	8.3	68	ENE	51.9	1.6	0.4	0	0	0	0
19-Aug-11	1800	9.3	63	ENE	52.3	2.0	0.4	0	0	0	0
19-Aug-11	1900	7.9	63	ENE	49.8	3.1	0.6	0	0	0	0
19-Aug-11	2000	7.6	77	ENE	49.9	4.5	1.1	0	0	0	0
19-Aug-11	2100	7.8	104	ESE	50.2	83.3	33.6	0	0	0	0
19-Aug-11	2200	8.9	131	SE	52.4	19.0	14.9	0	0	0	0
19-Aug-11	2300	10.6	150	SSE	50.2	31.7	32.8	0	0	0	0
19-Aug-11	2400	10.1	173	S	46.8	45.8	44.7	0	0	0	0
20-Aug-11	100	9.3	200	SSW	46.4	25.1	24.5	0	0	0	0

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Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
20-Aug-11	200	7.5	210	SSW	47.2	11.1	6.8	0	0	0	0
20-Aug-11	300	9.9	220	SW	46.2	6.1	4.3	0	0	0	0
20-Aug-11	400	11.1	228	SW	46.6	5.7	2.0	0	0	0	0
20-Aug-11	500	11.9	224	SW	48.9	6.5	3.7	0	0	0	0
20-Aug-11	600	11.1	226	SW	55.0	7.2	3.9	0	0	0	0
20-Aug-11	700	8.0	259	W	57.1	9.2	2.6	0	0	0	0
20-Aug-11	800	9.6	262	W	55.3	7.3	3.1	0	0	0	0
20-Aug-11	900	13.6	271	W	52.5	7.4	3.8	0	0	0	0
20-Aug-11	1000	10.7	272	W	51.5	3.9	2.1	0	0	0	0
20-Aug-11	1100	8.6	245	WSW	52.4	4.9	4.0	0	0	0	0
20-Aug-11	1200	6.0	280	W	54.1	4.2	1.0	0	0	0	0
20-Aug-11	1300	6.6	265	W	53.2	1.9	0.4	0	0	0	0
20-Aug-11	1400	5.4	285	WNW	52.0	1.7	0.4	0	0	0	0
20-Aug-11	1500	4.2	84	E	51.8	1.5	0.4	0	0	0	0
20-Aug-11	1600	11.4	105	ESE	49.5	1.5	0.5	0	0	0	0
20-Aug-11	1700	15.6	129	SE	50.0	3.0	0.6	0	0	0	0
20-Aug-11	1800	17.2	149	SSE	49.6	3.8	1.0	0	0	0	0
20-Aug-11	1900	17.0	160	SSE	49.3	9.1	2.9	0	0	0	0
20-Aug-11	2000	17.3	170	S	49.3	15.0	5.1	0	0	0	0

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<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
20-Aug-11	2100	16.6	176	S	49.1	16.2	8.6	0	0	0	0
20-Aug-11	2200	17.4	177	S	50.2	23.4	8.3	0	0	0	0
20-Aug-11	2300	17.0	184	S	48.8	16.7	7.2	0	0	0	0
20-Aug-11	2400	13.6	186	S	47.3	20.2	5.8	0	0	0	0
21-Aug-11	100	11.4	183	S	45.7	13.4	5.0	0	0	0	0
21-Aug-11	200	11.9	192	SSW	44.7	17.0	3.7	0	0	0	0
21-Aug-11	300	9.7	228	SW	46.7	17.2	6.4	0	0	0	0
21-Aug-11	400	11.1	258	WSW	48.1	13.1	6.9	0	0	0	0
21-Aug-11	500	12.8	265	W	47.5	6.3	3.2	0	0	0	0
21-Aug-11	600	14.5	270	W	49.0	2.9	2.2	0	0	0	0
21-Aug-11	700	13.2	267	W	49.6	3.2	1.8	0	0	0	0
21-Aug-11	800	12.1	262	W	48.5	5.0	1.6	0	0	0	0
21-Aug-11	900	14.3	257	WSW	48.3	4.4	3.0	0	0	0	0
21-Aug-11	1000	15.3	263	W	48.6	4.9	2.7	0	0	0	0
21-Aug-11	1100	19.6	227	SW	52.4	4.4	1.1	0	0	0	0
21-Aug-11	1200	16.7	219	SW	51.1	4.9	1.1	0	0	0	0
21-Aug-11	1300	12.3	197	SSW	50.5	2.3	0.5	0	0	0	0
21-Aug-11	1400	11.5	198	SSW	49.7	1.8	0.5	0	0	0	0
21-Aug-11	1500	15.4	193	SSW	50.8	2.4	0.5	0	0	0	0



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<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
21-Aug-11	1600	18.4	260	W	49.4	2.3	0.7	0	0	0	0
21-Aug-11	1700	21.7	272	W	50.6	5.0	1.9	0	0	0	0
21-Aug-11	1800	19.8	277	W	48.9	6.8	1.6	0	0	0	0
21-Aug-11	1900	18.3	278	W	47.9	9.0	2.9	0	0	0	0
21-Aug-11	2000	16.6	274	W	47.4	5.7	3.6	0	0	0	0
21-Aug-11	2100	13.5	264	W	46.8	4.6	2.1	0	0	0	0
21-Aug-11	2200	11.6	262	W	46.5	7.0	4.9	0	0	0	0
21-Aug-11	2300	11.1	260	W	45.7	5.0	3.3	0	0	0	0
21-Aug-11	2400	9.8	256	WSW	45.4	5.2	3.3	0	0	0	0
22-Aug-11	100	11.3	262	W	45.4	6.8	4.1	0	0	0	0
22-Aug-11	200	10.0	247	WSW	44.1	3.5	2.2	0	0	0	0
22-Aug-11	300	9.4	233	SW	44.0	5.4	3.7	0	0	0	0
22-Aug-11	400	8.4	221	SW	45.2	5.5	3.3	0	0	0	0
22-Aug-11	500	10.5	216	SW	48.6	5.9	2.9	0	0	0	0
22-Aug-11	600	10.1	241	WSW	54.4	10.7	6.3	0	0	0	0
22-Aug-11	700	8.3	233	SW	55.6	13.8	5.1	0	0	0	0